Behavioural Brain Research, 30 (1988) 297–298
Elsevier

Author Index

A

Agüero, A., see Gallo, M., 289
Amitzi-Sonder, J., see Speiser, Z., 89
Ammassari-Teule, M., see Castellano, C., 259
Arnedo, M., see Gallo, M., 289
Asdourian, D., see Kelland, M.D., 1

B

Beaumont, J.G., see Richards, A., 135
Bessette, B.B., see Hodos, W., 43
Biegon, A., see Segal, M., 215
Bisiacchi, P.S., see Marzi, C.A., 183
Booth, D.A., see Gibson, E.L., 25
Brand, T. and Slob, A.K., Peripubertal castration of male rats, adult open field ambulation and partner preference behavior, 111

C

Caminiti, R., Johnson, P.B., Urbano, A., Georgopoulos, A.P. and Zeger, S., Callosal and association neurons in the cortical space: a spectral analysis approach, 193
Camp, D.M. and Robinson, T.E., Susceptibility to sensitization. I. Sex differences in the enduring effects of chronic D-amphetamine treatment on locomotion, stereotyped behavior and brain monoamines, 55
Camp, D.M. and Robinson, T.E., Susceptibility to sensitization. II. The influence of gonadal hormones on enduring changes in brain monoamines and behavior produced by the repeated administration of D-amphetamine or restraint stress, 69
Castellano, C., Libri, V. and Ammassari-Teule, M., The amygdala mediates the impairing effect of the selective κ-opioid receptor agonist U-50,488 on memory in CD1 mice, 259
Chen, M., see Yinon, U., 273
Cohen, S., see Speiser, Z., 89

D

Damasio, A.R., see Tranel, D., 235
Douglas, R.H., Eva, J. and Guttridge, N., Size constancy in goldfish (*Carassius auratus*), 37
Durkin, T., see Toumane, A., 225

E

Eckmiller, R., see Ott, D., 99
Elberger, A.J., Developmental interactions between the corpus callosum and the visual system in cats, 119
Eva, J., see Douglas, R.H., 37

F

File, S.E. and Pellow, S., Low and high doses of benzodiazepine receptor inverse agonists respectively improve and impair performance in passive avoidance but do no affect habituation, 31

G

Galey, D., see Toumane, A., 225
Gallo, M., Arnedo, M., Agüero, A. and Puerto, A., Electrical intracerebral stimulation of the area postrema on taste aversion learning, 289
Geoffroy, G., see Lassonde, M., 165
Georgopoulos, A.P., see Caminiti, R., 193
Gibson, E.L. and Booth, D.A., Fenfluramine and amphetamine suppress dietary intake without affecting learned preferences for protein or carbohydrate cues, 25
Gitter, S., see Speiser, Z., 89
Goodale, M.A., Hemispheric differences in motor control, 203
Grabowska, A., see Marzi, C.A., 183
Greenberger, V., see Segal, M., 215
Grigonis, A.M., see Murphy, E.H., 151
Guttridge, N., see Douglas, R.H., 37

H

Hall, S., see Schallert, T., 15
Hodos, W., Weiss, S.R.B. and Bessette, B.B., Intensity difference thresholds after lesions of ectostriatum in pigeons, 43
Huang, S.L., see Lee, E.H.Y., 265

I

Ishikawa, K., see Kubo, T., 279
Israeli, M., see Segal, M., 215

J

Jaffard, R., see Toumane, A., 225
Johnson, P.B., see Caminiti, R., 193

K

Kelland, D.Z., see Kelland, M.D., 1
Kelland, M.D., Asdourian, D. and Kelland, D.Z., Inhibition and excitation of neck and shoulder muscles during unilateral electrical stimulation of the rat neostriatum, 1
Kubo, T., Shibanoki, S., Matsumoto, A., Tsuda, K. and Ishikawa, K., Portacaval anastomosis attenuates the impairing effect of cyproheptadine on avoidance learning in rats — an involvement of the serotonergic system, 279

L

Lagers-van Haselen, G.C. and Van Hof, M.W., The temporal retina and visual discrimination in the rabbit, 221
Lassonde, M., Sauerwein, H., McCabe, N., Laurencelle, L. and Geoffroy, G., Extent and limits of cerebral adjustment to early section or congenital absence of the corpus callosum, 165
Laurencelle, L., see Lassonde, M., 165
Lee, E.H.Y. and Huang, S.L., Role of lateral habenula in the regulation of exploratory behavior and its relationship to stress in rats, 265
Libri, V., see Castellano, C., 259

M

Marighetto, A., see Toumane, A., 225
Marzi, C.A., Grabowska, A., Tressoldi, P. and Bisiacchi, P.S., Left hemisphere superiority for visuospatial functions in left-handers, 183
Marín, B., see Menéndez Abraham, E., 251
Matsumoto, A., see Kubo, T., 279
McCabe, N., see Lassonde, M., 165
Meerwaldt, J.D. and Schmitz, P.I.M., Development of visual and tactile rod orientation in children, 145
Menéndez Abraham, E., Morán Viesca, P., Velasco Plaza, A. and Marín, B., Modifications of the sexual activity in male rats following administration of antiserotoninergic drugs, 251
Michael, R.P., see West, C.H.K., 95
Morán Viesca, P., see Menéndez Abraham, E., 251
Murphy, E.H. and Grigonis, A.M., Postnatal development of the visual corpus callosum: the influence of activity of the retinofugal projections, 151

O

Ott, D. and Eckmiller, R., Dynamic adaptation of the blind pointing characteristic to stepwise lateral tilts of body, head, and trunk, 99

P

Pellow, S., see File, S.E., 31
Puerto, A., see Gallo, M., 289

R

Richards, A. and Beaumont, J.G., Mixed-list presentation and visual field asymmetry: attempts to differentially activate the hemispheres, 135
Robinson, T.E., see Camp, D.M., 55
Robinson, T.E., see Camp, D.M., 69

S

Sauerwein, H., see Lassonde, M., 165
Schallert, T. and Hall, S., 'Disengage' sensorimotor deficit following apparent recovery from unilateral dopamine depletion, 15
Schmitz, P.I.M., see Meerwaldt, J.D., 145
Segal, M., Greenberger, V., Israeli, M. and Biegon, A., A correlation between regional acetylcholinesterase activity in rat brain and performance in a spatial task, 215
Shibanoki, S., see Kubo, T., 279
Slob, A.K., see Brand, T., 111
Speiser, Z., Amitzi-Sonder, J., Gitter, S. and Cohen, S., Behavioral differences in the developing rat following postnatal anoxia or postnatally injected AF-64A, a cholinergic neurotoxin, 89

T

Toumane, A., Durkin, T., Marighetto, A., Galey, D. and Jaffard, R., Differential hippocampal and cortical cholinergic activation during the acquisition, retention, reversal and extinction of a spatial discrimination in an 8-arm radial maze by mice, 225
Tranel, D. and Damasio, A.R., Non-conscious face recognition in patients with face agnosia, 235
Tressoldi, P., see Marzi, C.A., 183
Tsuda, K., see Kubo, T., 279

U

Urbano, A., see Caminiti, R., 193

V

Van Hof, M.W., see Lagers-van Haselen, G.C., 221
Velasco Plaza, A., see Menéndez Abraham, E., 251

W

Weiss, S.R.B., see Hodos, W., 43
West, C.H.K. and Michael, R.P., Mild stress influences sex differences in exploratory and amphetamine-enhanced activity in rats, 95

Y

Yinon, U. and Chen, M., Visual split brain and monocular deprivation in kittens: differentiation between the effects of disuse and of binocular competition in visual cortex cells, 273

Z

Zeger, S., see Caminiti, R., 193

Behavioural Brain Research, 30 (1988) 299–305
Elsevier

Key Word Index

A

Abstract norm
Cerebral functioning; Structural approach; Activational approach; Hemisphere; Mixed list; Random form, 135

Acetylcholinesterase
Quantitative histochemistry; Ventral pallidum; Spatial learning, 215

Activational approach
Cerebral functioning; Structural approach; Hemisphere; Mixed list; Abstract norm; Random form, 135

Active avoidance
Postnatal anoxia; AF-64A neurotoxin; Locomotor activity; Stereotypy; Passive avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

Acuity
Corpus callosum; Visual development; Critical period; Binocularity; Myelination; Striate cortex; Claustrum, 119

AF-64A neurotoxin
Postnatal anoxia; Locomotor activity; Stereotypy; Active avoidance; Passive avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

Agnosia
Face; Memory; Recognition; Covert; Electrodermal, 235

Amphetamine
Nutrient selection; Nutrient-conditioned preference; Fenfluramine; Monoamine transmitter; Feeding, 25

Sensitization; Sex difference; Dopamine; Striatum; Stereotyped behavior; Locomotion; Chronic drug treatment, 55

Stress; Sensitization; Sex difference; Gonadal hormone; Dopamine; Serotonin; Striatum, 69

Locomotor activity; Sex difference; Handling; Stress, 95

Amygdaloid lesion
U-50,488; Passive avoidance; CD1 mouse, 259

Anxiety
β-Carboline; Benzodiazepine receptor inverse agonist; Learning; Memory; Passive avoidance; Habituation; Exploration, 31

Area postrema
Electrical brain stimulation; Taste aversion learning; Conditioned taste aversion; Learning; Rat, 289

Association efferent zone
Tangenital distribution of efferent cortical neurons; Callosal efferent zone; Fourier analysis, 193

Avoidance learning
Serotonin; Cyproheptadine; Serotonergic disturbance; Time-dependent process; Portacaval-anastomized rat, 279

B

Benzodiazepine receptor inverse agonist
β-Carboline; Learning; Memory; Passive avoidance; Habituation; Anxiety; Exploration, 31

Binocular
Size constancy; Depth perception; Monocular; Vision; Goldfish, 37

Binocular competition
Monocular deprivation; Visual disuse; Cortical cell; Split brain; Ocular dominance; Kitten, 273

Binocularity
Corpus callosum; Visual development; Critical period; Acuity; Myelination; Striate cortex; Claustrum, 119

Blind pointing
Sensorimotor; Coordinate transformation; Otolith; Neck; Man, 99

C

Callosal agenesis
Corpus callosotomy; Interhemispheric communication; Vision; Touch; Callosal plasticity, 165

Callosal cell zone
Tetrodotoxin; Enucleation; Visual experience; Development, 151

Callosal efferent zone
Tangential distribution of efferent cortical neurons; Association efferent zone; Fourier analysis, 193

Callosal plasticity
Corpus callosotomy; Callosal agenesis; Interhemispheric communication; Vision; Touch, 165

β-Carboline
Benzodiazepine receptor inverse agonist; Learning; Memory; Passive avoidance; Habituation; Anxiety; Exploration, 31

Castration
Puberty; Testosterone; Open field ambulation; Sexual motivation; Partner preference behavior; Male rat, 111

CD1 mouse
U-50,488; Amygdaloid lesion; Passive avoidance, 259

Cerebral functioning
Structural approach; Activational approach; Hemisphere; Mixed list; Abstract norm; Random form, 135

Choline uptake
Cortex; Hippocampus; Cholinergic activation; Spatial discrimination; Radial maze; Learning; Memory; Mouse, 225

Cholinergic hypofunction
Postnatal anoxia; AF-64A neurotoxin; Locomotor activity; Stereotypy; Active avoidance; Passive avoidance; Dopaminergic hypofunction, 89

Cholinergic activation
Cortex; Hippocampus; Choline uptake; Spatial discrimination; Radial maze; Learning; Memory; Mouse, 225

Chronic drug treatment
Sensitization; Amphetamine; Sex difference; Dopamine; Striatum; Stereotyped behavior; Locomotion, 55

Circling
Neostriatum; Muscle activity; Fronto-parietal motor cortex; Substantia nigra; Globus pallidus; Rat, 1

Claustrum
Corpus callosum; Visual development; Critical period; Binocularity; Acuity; Myelination; Striate cortex, 119

Conditioned taste aversion
Area postrema; Electrical brain stimulation; Taste aversion learning; Learning; Rat, 289

Coordinate transformation
Blind pointing; Sensorimotor; Otolith; Neck; Man, 99

Corpus callosum
Visual development; Critical period; Binocularity; Acuity; Myelination; Striate cortex; Claustrum, 119

Corpus callosotomy
Callosal agenesis; Interhemispheric communication; Vision; Touch; Callosal plasticity, 165

Cortex
Hippocampus; Cholinergic activation; Choline uptake; Spatial discrimination; Radial maze; Learning; Memory; Mouse, 225

Cortical cell
Binocular competition; Monocular deprivation; Visual disuse; Split brain; Ocular dominance; Kitten, 273

Covert
Face; Memory; Recognition; Agnosia; Electrodermal, 235

Critical period
Corpus callosum; Visual development; Binocularity; Acuity; Myelination; Striate cortex; Claustrum, 119

Cyproheptadine
Methysergide; 5-Hydroxytryptamine; Sexual parameter, 251
Avoidance learning; Serotonin; Serotonergic disturbance; Time-dependent process; Portacaval-anastomized rat, 279

D

Depth perception
Size constancy; Binocular; Monocular; Vision; Goldfish, 37

Development
Rod orientation test; Spatial perception; Lateralization, 145

Tetrodotoxin; Enucleation; Callosal cell zone; Visual experience, 151

Disengage
Nigrostriatal; 6-Hydroxydopamine; Sensorimotor asymmetry; Parkinson's disease; Perioral; Eating; Orienting, 15

Dopamine
Sensitization; Amphetamine; Sex difference; Striatum; Stereotyped behavior; Locomotion; Chronic drug treatment, 55

Amphetamine; Stress; Sensitization; Sex difference; Gonadal hormone; Serotonin; Striatum, 69

Dopaminergic hypofunction
Postnatal anoxia; AF-64A neurotoxin; Locomotor activity; Stereotypy; Active avoidance; Passive avoidance; Cholinergic hypofunction, 89

E

Eating
Nigrostriatal; 6-Hydroxydopamine; Sensorimotor asymmetry; Parkinson's disease; Perioral; Orienting; Disengage, 15

Ectostriatum
Intensity difference threshold; Visual system; Psychophysics; Tectofugal pathway; Pigeon, 43

Electrical brain stimulation
Area postrema; Taste aversion learning; Conditioned taste aversion; Learning; Rat, 289

Electrodermal
Face; Memory; Recognition; Agnosia; Covert, 235

Enucleation
Tetrodotoxin; Callosal cell zone; Visual experience; Development, 151

Exploration
β-Carboline; Benzodiazepine receptor inverse agonist; Learning; Memory; Passive avoidance; Habituation; Anxiety, 31

Exploratory behavior

Lateral habenular lesion; Treadmill activity; Open field; Footshock stress; Rat, 265

Eye movement
Left hemisphere; Motor behaviour; Speech; Reaching movement; Hemispheric asymmetry, 203

F

Face
Memory; Recognition; Agnosia; Covert; Electrodermal, 235

Feeding
Nutrient selection; Nutrient-conditioned preference; Fenfluramine; Amphetamine; Monoamine transmitter, 25

Fenfluramine
Nutrient selection; Nutrient-conditioned preference; Amphetamine; Monoamine transmitter; Feeding, 25

Footshock stress
Lateral habenular lesion; Exploratory behavior; Treadmill activity; Open field; Rat, 265

Fourier analysis
Tangenital distribution of efferent cortical neurons; Association efferent zone; Callosal efferent zone, 193

Fronto-parietal motor cortex
Neostriatum; Circling; Muscle activity; Substantia nigra; Globus pallidus; Rat, 1

G

Gender difference
Sinistral; Hemispheric difference; Visuaspatial function, 183

Globus pallidus
Neostriatum; Circling; Muscle activity; Fronto-parietal motor cortex; Substantia nigra; Rat, 1

Goldfish
Size constancy; Depth perception; Binocular; Monocular; Vision, 37

Gonodal hormone
Amphetamine; Stress; Sensitization; Sex difference; Dopamine; Serotonin; Striatum, 69

H

Habituation
β-Carboline; Benzodiazepine receptor inverse agonist; Learning; Memory; Passive avoidance; Anxiety; Exploration, 31

Handling
Locomotor activity; Sex difference; Stress; Amphetamine, 95

Hemisphere
Cerebral functioning; Structural approach; Activational approach; Mixed list; Abstract norm; Random form, 135

Hemispheric difference
Sinistral; Visuospatial function; Gender difference, 183

Hemispheric asymmetry
Left hemisphere; Motor behaviour; Speech; Reaching movement; Eye movement, 203

Hippocampus
Cortex; Cholinergic activation; Choline uptake; Spatial discrimination; Radial maze; Learning; Memory; Mouse, 225

5-Hydroxytryptamine
Cyproheptadine; Methysergide; Sexual parameter, 251

6-Hydroxydopamine
Nigrostriatal; Sensorimotor asymmetry; Parkinson's disease; Perioral; Eating; Orienting; Disengage, 15

I

Intensity difference threshold
Ectostriatum; Visual system; Psychophysics; Tectofugal pathway; Pigeon, 43

Interhemispheric communication
Corpus callosotomy; Callosal agenesis; Vision; Touch; Callosal plasticity, 165

K

Kitten
Binocular competition; Monocular deprivation; Visual disuse; Cortical cell; Split brain; Ocular dominance, 273

L

Lateral habenular lesion
Exploratory behavior; Treadmill activity; Open field; Footshock stress; Rat, 265

Lateralization
Rod orientation test; Development; Spatial perception, 145

Learning
β-Carboline; Benzodiazepine receptor inverse agonist; Memory; Passive avoidance; Habituation; Anxiety; Exploration, 31

Cortex; Hippocampus; Cholinergic activation; Choline uptake; Spatial discrimination; Radial maze; Memory; Mouse, 225

Area postrema; Electrical brain stimulation; Taste aversion learning; Conditioned taste aversion; Rat, 289

Left hemisphere
Motor behaviour; Speech; Reaching movement; Hemispheric asymmetry; Eye movement, 203

Locomotion
Sensitization; Amphetamine; Ses difference; Dopamine; Striatum; Stereotyped behavior; Chronic drug treatment, 55

Locomotor activity
Postnatal anoxia; AF-64A neurotoxin; Stereotypy; Active avoidance; Passive avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

Sex difference; Handling; Stress; Amphetamine, 95

M

Male rat
Castration; Puberty; Testosterone; Open field ambulation; Sexual motivation; Partner preference behavior, 111

Man
Blind pointing; Sensorimotor; Coordinate transformation; Otolith; Neck, 99

Memory
β-Carboline; Benzodiazepine receptor inverse agonist; Learning; Passive avoidance; Habituation; Anxiety; Exploration, 31

Cortex; Hippocampus; Cholinergic activation; Choline uptake; Spatial discrimination; Radial maze; Learning; Mouse, 225

Face; Recognition; Agnosia; Covert; Electrodermal, 235

Methysergide
Cyproheptadine; 5-Hydroxytryptamine; Sexual parameter, 251

Mixed list
Cerebral functioning; Structural approach; Activational approach; Hemisphere; Abstract norm; Random form, 135

Monoamine transmitter
Nutrient selection; Nutrient-conditioned preference; Fenfluramine; Amphetamine; Feeding, 25

Monocular
Size constancy; Depth perception; Binocular; Vision; Goldfish, 37

Monocular deprivation
Binocular competition; Visual disuse; Cortical cell; Split brain; Ocular dominance; Kitten, 273

Motor behaviour
Left hemisphere; Speech; Reaching movement; Hemispheric asymmetry; Eye movement, 203

Mouse
Cortex; Hippocampus; Cholinergic activation; Choline uptake; Spatial discrimination; Radial maze; Learning; Memory, 225

Muscle activity
Neostriatum; Circling; Fronto-parietal motor cortex; Substantia nigra; Globus pallidus; Rat, 1

Myelination
Corpus callosum; Visual development; Critical period; Binocularity; Acuity; Striate cortex; Claustrum, 119

N

Neck
Blind pointing; Sensorimotor; Coordinate transformation; Otolith; Man, 99

Neostriatum
Circling; Muscle activity; Fronto-parietal motor cortex; Substantia nigra; Globus pallidus; Rat, 1

Nigrostriatal
6-Hydroxydopamine; Sensorimotor asymmetry; Parkinson's disease; Perioral; Eating; Orienting; Disengage, 15

Nutrient selection
Nutrient-conditioned preference; Fenfluramine; Amphetamine; Monoamine transmitter; Feeding, 25

Nutrient-conditioned preference
Nutrient selection; Fenfluramine; Amphetamine; Monoamine transmitter; Feeding, 25

O

Ocular dominance
Binocular competition; Monocular deprivation; Visual disuse; Cortical cell; Split brain; Kitten, 273

Open field ambulation
Castration; Puberty; Testosterone; Sexual motivation; Partner preference behavior; Male rat, 111

Open field
Lateral habenular lesion; Exploratory behavior; Treadmill activity; Footshock stress; Rat, 265

Orienting
Nigrostriatal; 6-Hydroxydopamine; Sensorimotor asymmetry; Parkinson's disease; Perioral; Eating; Disengage, 15

Otolith
Blind pointing; Sensorimotor; Coordinate transformation; Neck; Man, 99

P

Parkinson's disease
Nigrostriatal; 6-Hydroxydopamine; Sensorimotor asymmetry; Perioral; Eating; Orienting; Disengage, 15

Partner preference behavior
Castration; Puberty; Testosterone; Open field ambulation; Sexual motivation Male rat, 111

Passive avoidance
β-Carboline; Benzodiazepine receptor inverse agonist; Learning; Memory; Habituation; Anxiety; Exploration, 31

Postnatal anoxia; AF-64A neurotoxin; Locomotor activity; Stereotypy; Active avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

U-50,488; Amygdaloid lesion; CD1 mouse, 259

Perioral
Nigrostriatal; 6-Hydroxydopamine; Sensorimotor asymmetry; Parkinson's disease; Eating; Orienting; Disengage, 15

Pigeon
Intensity difference threshold; Ectostriatum; Visual system; Psychophysics; Tectofugal pathway, 43

Portacaval-anastomized rat
Avoidance learning; Serotonin; Cyproheptadine; Serotonergic disturbance; Time-dependent process, 279

Postnatal anoxia
AF-64A neurotoxin; Locomotor activity; Stereotypy; Active avoidance; Passive avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

Psychophysics
Intensity difference threshold; Ectostriatum; Visual system; Tectofugal pathway; Pigeon, 43

Puberty
Castration; Testosterone; Open field ambulation; Sexual motivation; Partner preference behavior; Male rat, 111

Q

Quantitative histochemistry
Acetylcholinesterase; Ventral pallidum; Spatial learning, 215

R

Rabbit
Visual discrimination; Temporal retina, 221

Radial maze
Cortex; Hippocampus; Cholinergic; activation; Choline uptake; Spatial discrimination; Learning; Memory; Mouse, 225

Random form
Cerebral functioning; Structural approach; Activational approach; Hemisphere; Mixed list; Abstract norm, 135

Rat
Neostriatum; Circling; Muscle activity; Fronto-parietal motor cortex; Substantia nigra; Globus pallidus, 1

Lateral habenular lesion; Exploratory behavior; Treadmill activity; Open field; Footshock stress, 265

Area postrema; Electrical brain stimulation; Taste aversion learning; Conditioned taste aversion; Learning, 289

Reaching movement
Left hemisphere; Motor behaviour; Speech; Hemispheric asymmetry; Eye movement, 203

Recognition
Face; Memory; Agnosia; Covert; Electrodermal, 235

Rod orientation test
Development; Spatial perception; Lateralization, 145

S

Sensitization
Amphetamine; Sex difference; Dopamine; Striatum; Stereotyped behavior; Locomotion; Chronic drug treatment, 55

Amphetamine; Stress; Sex difference; Gonadal hormone; Dopamine; Serotonin; Striatum, 69

Sensorimotor asymmetry
Nigrostriatal; 6-Hydroxydopamine; Parkinson's disease; Perioral; Eating; Orienting; Disengage, 15

Sensorimotor
Blind pointing; Coordinate transformation; Otolith; Neck; Man, 99

Serotonergic disturbance
Avoidance learning; Serotonin; Cyproheptadine; Time-dependent process; Portacaval-anastomized rat, 279

Serotonin
Amphetamine; Stress; Sensitization; Sex difference; Gonadal hormone; Dopamine; Striatum, 69

Avoidance learning; Cyproheptadine; Serotonergic disturbance; Time-dependent process; Portacaval-anastomized rat, 279

Sex difference
Sensitization; Amphetamine; Dopamine; Striatum; Stereotyped behavior; Locomotion; Chronic drug treatment, 55

Amphetamine; Stress; Sensitization; Gonadal hormone; Dopamine; Serotonin; Striatum, 69

Locomotor activity; Handling; Stress; Amphetamine, 95

Sexual motivation
Castration; Puberty; Testosterone; Open field ambulation; Partner preference behavior; Male rat, 111

Sexual parameter
Cyproheptadine; Methysergide; 5-Hydroxytryptamine, 251

Sinistral
Hemispheric difference; Visuospatial function; Gender difference, 183

Size constancy
Depth perception; Binocular; Monocular; Vision; Goldfish, 37

Spatial discrimination
Cortex; Hippocampus; Cholinergic activation; Choline uptake; Radial maze; Learning; Memory; Mouse, 225

Spatial learning
Acetylcholinesterase; Quantitative histochemistry; Ventral pallidum, 215

Spatial perception
Rod orientation test; Development; Lateralization, 145

Speech
Left hemisphere; Motor behaviour; Reaching movement; Hemispheric asymmetry; Eye movement, 203

Split brain
Binocular competition; Monocular deprivation; Visual disuse; Cortical cell; Ocular dominance; Kitten, 273

Stereotyped behavior
Sensitization; Amphetamine; Sex difference; Dopamine; Striatum; Locomotion; Chronic drug treatment, 55

Stereotypy
Postnatal anoxia; AF-64A neurotoxin; Locomotor activity; Active avoidance; Passive avoidance; Cholinergic hypofunction; Dopaminergic hypofunction, 89

Stress
Amphetamine; Sensitization; Sex difference; Gonadal hormone; Dopamine; Serotonin; Striatum, 69

Locomotor activity; Sex difference; Handling; Amphetamine, 95

Striate cortex
Corpus callosum; Visual development; Critical period; Binocularity; Acuity; Myelination; Claustrum, 119

Striatum
Sensitization; Amphetamine; Sex difference; Dopamine; Stereotyped behavior; Locomotion; Chronic drug treatment, 55

Amphetamine; Stress; Sensitization; Sex difference; Gonadal hormone; Dopamine; Serotonin, 69

Structural approach
Cerebral functioning; Activational approach; Hemisphere; Mixed list; Abstract norm; Random form, 135

Substantia nigra
Neostriatum; Circling; Muscle activity; Fronto-parietal motor cortex; Globus pallidus; Rat, 1

T

Tangential distribution of efferent cortical neurons
Association efferent zone; Callosal efferent zone; Fourier analysis, 193

Taste aversion learning
Area postrema; Electrical brain stimulation; Conditioned taste aversion; Learning; Rat, 289

Tectofugal pathway
Intensity difference threshold; Ectostriatum; Visual system; Psychophysics; Pigeon, 43

Temporal retina
Visual discrimination; Rabbit, 221

Testosterone
Castration; Puberty; Open field ambulation; Sexual motivation; Partner preference behavior; Male rat, 111

Tetrodotoxin
Enucleation; Callosal cell zone; Visual experience; Development, 151

Time-dependent process
Avoidance learning; Serotonin; Cyproheptadine; Serotonergic disturbance; Portacaval-anastomized rat, 279

Touch
Corpus callosotomy; Callosal agenesis; Interhemispheric communication; Vision; Callosal plasticity, 165

Treadmill activity
Lateral habenular lesion; Exploratory behavior; Open field; Footshock stress; Rat, 265

U

U-50,488
Amygdaloid lesion; Passive avoidance; CD1 mouse, 259

V

Ventral pallidum
Acetylcholinesterase; Quantitative histochemistry; Spatial learning, 215

Vision
Size constancy; Depth perception; Binocular; Monocular; Goldfish, 37

Corpus callosotomy; Callosal agenesis; Interhemispheric communication; Touch; Callosal plasticity, 165

Visual development
Corpus callosum; Critical period; Binocularity; Acuity; Myelination; Striate cortex; Claustrum, 119

Visual discrimination
Temporal retina; Rabbit, 221

Visual disuse
Binocular competition; Monocular deprivation; Cortical cell; Split brain; Ocular dominance; Kitten, 273

Visual experience
Tetrodotoxin; Enucleation; Callosal cell zone; Development, 151

Visual system
Intensity difference threshold; Ectostriatum; Psychophysics; Tectofugal pathway; Pigeon, 43

Visuospatial function
Sinistral; Hemispheric difference; Gender difference, 183